

<b>Project Name/Location:</b>				<b>Contract Number:</b> W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
<b>Date:</b> 07/23/2005				Jessica Beach contacted at 8:40.			
<b>Dredging</b> <b>Load Number</b> 551 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> Overflow through skimmers only <b>Weather:</b> Clear <b>Wind:</b> 0-5 kts <b>Seas:</b> 4' - 6' <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	19.1	7:49:04	7343255.68	938132.47	10.3	
	DR-2	19.8	7:53:05	7343000.68	938398.70	25.3	9.1
	DR-2R1	19.7	7:53:10	7342975.63	938405.83	21.3	9.1
	DR-4	20.1	7:54:13	7342288.66	938446.88	38.2	
	DR-4R1	20.9	7:54:20	7342288.66	938446.88	37.5	
	DR-3	21.7	7:56:31	7343892.11	938598.52	23.8	
	DR-3R1	21.7	7:56:36	7343867.06	938605.66	21.7	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 exceeded 5 NTU over background, taken out of the plume, on port side.				Re-test DR-3R1 was taken.			
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
Date: 07/23/2005				Jessica Beach contacted at 12:15.			
<b>Dredging</b> <b>Load Number</b> 552 <b>Tidal Stage</b> Flood <b>Dredge State:</b> Overflow through skimmers only <b>Weather:</b> Clear <b>Wind:</b> 0-5 kts <b>Seas:</b> 4' - 6' <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	19.2	12:01:53	7345528.54	938529.90	5.9	
	DR-2	21.4	12:03:26	7345989.90	938650.50	61.5	8.7
	DR-2R1	21.2	12:03:33	7346018.91	938637.12	60.9	8.6
	DR-4	20.4	12:04:58	7346496.77	938647.53	21.6	
	DR-4R1	20.5	12:05:04	7346509.42	938647.00	23.6	
	DR-3	20.9	12:08:57	7344695.92	938321.45	22.0	
	DR-3R1	20.9	12:09:02	7344695.92	938321.45	16.1	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 exceeded 5 NTU over background, taken out of the plume, on port side.				Re-test DR-3R1 was taken.			
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
Date: 07/23/2005				Jessica Beach contacted at 16:48.			
<b>Dredging</b> <b>Load Number</b> 553 <b>Tidal Stage</b> Flood <b>Dredge State:</b> No Overflow  <b>Weather:</b> Clear <b>Wind:</b> 5-10 kts <b>Seas:</b> 4' - 6'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.0	16:20:25	7346044.09	938027.70	5.0	
	DR-2	20.4	16:24:36	7346598.30	938448.61	12.7	9.4
	DR-2R1	19.9	16:24:40	7346600.93	938437.36	11.7	9.4
	DR-4	20.9	16:26:21	7347088.29	938275.69	12.2	
	DR-4R1	20.5	16:26:26	7347095.37	938280.09	13.6	
	DR-3	19.3	16:29:33	7345478.26	938136.57	13.6	
	DR-3R1	18.9	16:29:36	7345481.97	938124.24	13.3	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken out of the plume.				Re-test DR-4R1 was taken.			
DR-3 exceeded 5 NTU over background, taken out of plume,				Re-test DR-3R1 was taken.			
on port side.				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
Date: 07/23/2005				Jessica Beach contacted at 21:30.			
<b>Dredging</b> <b>Load Number</b> 554 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> No Overflow  <b>Weather:</b> Clear <b>Wind:</b> 10-15 kts <b>Seas:</b> 4' - 6'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.5	21:02:24	7342649.99	938517.10	5.1	
	DR-2	19.2	21:04:10	7342040.56	938378.47	30.2	8.5
	DR-2R1	19.5	21:04:17	7342015.45	938378.07	31.0	8.4
	DR-4	21.1	21:05:51	7341446.96	938290.66	6.2	
	DR-3	21.1	21:10:49	7343737.45	938666.34	6.6	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 taken out of the plume.							
DR-3 taken out of the plume, on port side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						